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ABSTRACT

The invention relates to a device for monitoring an air supply
5 flow or a volumetric air flow, in particular for ventilators
which can also be applied for extremely low flow speeds and/or
throughput rates. The aim of the invention is to produce a
device cheaply and simply with essentially wear-free components
which reacts to changes in the flow speed and/or the throughput
10 rate without a time delay. Said aim is achieved, whereby the
device comprises an approach flow device, the position of which
may be altered relative to a mounting, against a retaining
force F_M and which may be impinged by the air flow for
monitoring to generate a change in the position thereof.
15 Furthermore, magnetic devices for the generation of a magnetic
field dependent on the position of the approach flow device,
detection means for recording the magnetic field and measuring
means for generation of a measured signal dependent on the
magnetic field are provided. The magnetic field forms at least
20 a part of the retaining force F_M .